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PUSH DEVELOPMENTS IN INDUSTRIAL CHEMISTRY

TESLIC FACTORY MANUFACTURES CHEMICAL PRODUCTS -- Ljubljana Slovenski Poroce-
valec, 23 Sep 50

During the last few years, the wood-distilling factory in Teslic in Bosnia and Herzegovina produced numerous new products such as heavy tar oils, tar pitch, wood charcoal, methyl alcohol, formaldehyde, and light wood oils.

Since 1946, the factory has begun to produce "Katrin" for extinguishing fires. This Yugoslav patent, invented by Matija Krajcinovic, professor at Zagreb University, is a better fire extinguisher than those previously imported from England. Among other things, the factory also produces metaldehyde, which is used in the production of permanent matches and which can be used also as a substitute for alcohol. Small quantities of metaldehyde have been produced already. The actual production of this chemical has not yet begun because of the lack of a special compressor.

The apparatus for the production of urotropine was put into operation recently. This chemical is used in medicine for the production of plastics and varnishes. Thus far urotropine has been imported. In 1951 the factory will produce sufficient urotropine to cover Yugoslav needs. Acetamilide is now being produced by the factory.

DISCOVER NEW METHOD FOR PLASTICS PRODUCTION -- Ljubljana Slovenski Porocevalec,
19 Sep 50

The scientific research institute in Belgrade recently mastered a new method for the production of melamine, from which plastics are manufactured. Research workers have succeeded in obtaining 95 percent pure melamine from domestic raw material by this method. The basic raw material for the production of melamine is dicyandiamide, obtained from calcium cyanamide, which, in turn, is produced in large quantities in Yugoslav nitrogen factories, such as the factory in Ruse.

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— 2 —

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